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TECH CENTER 1600/2900

#12
Seqdist 1638

1600

RAW SEQUENCE LISTING

DATE: 12/13/2002

PATENT APPLICATION: US/10/031,818B

TIME: 13:46:17

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\12132002\J031818B.raw

ENTERED

4 <110> APPLICANT: Ozeki, Yoshihiro
5 Takashi, Fukuda
6 Oyanagi, Mikiko
7 Koda, Takatoshi
9 <120> TITLE OF INVENTION: Novel Miniature Inverted-Repeat
10 Transposable Elements (Mites)-Like Element and
11 Transcriptional Activation Element
13 <130> FILE REFERENCE: SAEG100.001APC
15 <140> CURRENT APPLICATION NUMBER: 10/031,818B
C--> 16 <141> **CURRENT FILING DATE: 2002-06-04**
18 <150> PRIOR APPLICATION NUMBER: PCT/JP00/04837
19 <151> PRIOR FILING DATE: 2000-07-19
21 <150> PRIOR APPLICATION NUMBER: JP2000/175825
22 <151> PRIOR FILING DATE: 2000-06-12
24 <150> PRIOR APPLICATION NUMBER: JP11/206320
25 <151> PRIOR FILING DATE: 1999-07-21
27 <150> PRIOR APPLICATION NUMBER: JP11/206316
28 <151> PRIOR FILING DATE: 1999-07-21
30 <160> NUMBER OF SEQ ID NOS: 14
32 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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35 <211> LENGTH: 769
36 <212> TYPE: DNA
37 <213> ORGANISM: Carrot (Daucus carota L. cv. Kurodagosun)
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42 ttgcaacct catttgcaac ctggggcggc gcagccgtaa aagttgccag tgagggtgca 180
43 aaagttgcaa atgagtttgt aaaagttgca aatgagggtg caaaagttgc aaataaaaaat 240
44 ggaaagttgc aacagttgca actgcaattg caactagttc aactgaaaac tgaagttgc 300
45 aaaagttgca aatgagggtg caactaaatg caactgaaaa ctgtaagtaa caacagatgt 360
46 atggtgtgcc cctggcgggg ccgttagatt acaatagaat caactgaatg caatcatatg 420
47 caactgaata caactatatg caatcatata tgcaattaca aatcctgatt tcaagttcca 480
48 gttttcgaat gtcattttcg aaatcgatat atatatatat atatatatat cgatttcgaa 540
49 aatgacattc gaaaactgga acttgaaatc aggaattcag ctgcatatga agttgcaaaa 600
50 gaggttgcaa cacggctggc gccgcctgta gttgcaaatg aggttgcaaa agttgcaaac 660
51 agtatttttg aaaaaaagat tttatgaaaa ggtattttta aaaataattc tggaaggtag 720
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55 <211> LENGTH: 299
56 <212> TYPE: DNA
57 <213> ORGANISM: Carrot (Daucus carota L. cv. Kurodagosun)
59 <400> SEQUENCE: 2

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60 ctccctacgt cccattttat gtgacctcat tttctttttg ggacgtctca aaaaaataa 60
61 cctagaatac ttactatttt ttaacactat ttttcactat tacacccacc aactctatat 120
62 tttatactat tttattatta aataaacact attacaccca ctacttttct ccactatctc 180
63 aaatctatta ttaaattattg ataggtccac cactttaccc acttttcaac tacatttact 240
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69 <213> ORGANISM: Carrot (Daucus carota L. cv. Kurodagosun)
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73 ttttgggacg tctcaaaaaa aataacctag aatacttact attttttaac actatttttc 120
74 actattacac ccaccaactc tatattttat actattttat tattaaataa acactattac 180
75 acccaactact tttctccact atctcaaatc tattattaaa tattgatagg tccaccactt 240
76 taccactttt tcaactacat ttactacatt tttcttaatc tccgtgaaag tcaaactcat 300
77 tcacataaaa tgggacagag ggagtaatta ttaattttta tagacgggat cgataagctt 360
78 atcgataccg tctcagattc gcaaacataa aaagaaaagg gatcttttta aaaataccca 420
79 tctgtaaaat ttttttttta aaaatactac catctttttc attgttttta aaaatacctt 480
80 ttcataaatt ttttttttca aaaatacgat ttgcaacttt tgcaacctca tttgcaacct 540
81 tgggcggcgc agccgtaaaa gttgccagtg aggttgcaaa agttgcaaat gagtttgtaa 600
82 aagttgcaaa tgagggttgca aaagttgcaa ataaaaatgg aaagttgcaa cagttgcaac 660
83 tgcaattgca actagttcaa ctgaaaactg taagttgcaa aagttgcaaa tgagggttgca 720
84 actaaatgca actgaaaact gtaagtaaca acagatgtat ggtgtgcccc tggcggggcc 780
85 gttagattac aatagaatca actgaatgca atcatatgca actgaatata actatatgca 840
86 atcatatatg caattacaaa tcttgatttc aagttccagt tttcgaatgt cattttcgaa 900
87 atcgatatat atatatatat atatatatcg atttcgaaaa tgacattcga aaactggaac 960
88 ttgaaatcag gaattcagct gcatatgaag ttgcaaaaaga ggttgcaaca cggctggcgc 1020
89 cgctgtagt tgcaaatgag gttgcaaaag ttgcaaacag ttttttgaa aaaaagattt 1080
90 tatgaaaagg tattttttaa aataattctg gaaggtagta tttttgaaaa caataaaaga 1140
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109 <210> SEQ ID NO: 6
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154 <213> ORGANISM: Carrot (Daucus carota L. cv. Kurodagosun)
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178 <211> LENGTH: 1553
179 <212> TYPE: DNA
180 <213> ORGANISM: Carrot (Daucus carota L. cv. Kurodagosun)

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185 actattacac ccaccaactc tatatTTTTat actatTTTTat tattaaataa acactattac 180
186 acccactact tttctccact atctcaaadc tattattaaa tattgatagg tccaccactt 240
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194 attcaagatt ttaatatatt ttaaataatc tcgatctgaa ttacaaaaaa tgcttaaaat 720
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207 aagattttat gaaaaggat ttttaaaaat aattctggaa ggtagtattt ttgaaaacaa 1500
208 taaaagaaaa ggtaggtagt tttgtagatt tcccagacgg tatcgataag ctt 1553

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VERIFICATION SUMMARY

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date